## **Celebrating Black History Month**

## Multiple Patents by Individual African- American Inventors

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Inventor	Invention	Invention Date	Francis Edward LeVert	Threshold Self-Powered Gamma Ray Detector	05/23/1978
George Edward Alcorn	Multi-level Metallurgy Process	10/23/1979	1	Thermal Neutron Detector System	02/21 1989
George Edward Alcorn	Hardened Photoresist Process	05/06/1980	1	Directional Detector of Changes in Electrostatic Fields	05/24/1990
				Digital Room Light Controller	08/03/1991
	Imaging X-Ray Spectrometer	09/18/1984		Directional Gamma Ray Detector Device	10/18/1991
			Francis Edward LeVert	Thermionic Generator	02/21/ 1992
Alexander P. Ashbourne	Coconut Preparing Process	06/01/ 1875		Upwardly Deployed Privacy Blind	07/21/ 1993
			-	Self-Powered Monitor for Radiographic Cameras	09/04/1993
	Biscuit Cutter	11/30/1875		Spring- Cushioned Shoes	10/12/1993
	Coconut Treating Process	08/21/1877		Fluid Flow System for Spring-Cushioned Shoes	12/10/1993
	Refining Coconut Oil Process	07/27/1880	1	Portable Feet Elevator  Radioisotope-Based X-Ray Residual Stress Analysis	05/08/1994
		3.72.72.00		Device	06/10/1994
Oscar Robert Cassell	Process for Acoustic Analysis of Gas Mixtures	02/28/1995	Jan Ernst Matzeliger	Automatic Method for Lasting Shoes	03/20/ 1883
	Gas Semiconductor Device	12/12/ 1985		Nailing Machine	02/25/1890
				Tack Separating and Distributing Machine	03/25/1890
	P. I. S. J.	04/40/4044	-	Lasting Machine	09/22/1881
	Bedstead Extensions	04/18/1911		Mechanism for Distributing Tacks, Nails, and Screws	11/26/1899
	Flying Machines	04/30/ 1912			******
	Angle Indicator Device	09/10/1912	Theophilus Ealey Neal	Automatic Blow-Off Device	11/01/1932
		1010100	1	Shower-Bath Spray Device	01/03/1933
Clarence Elder	Timing Device	02,12/1965	Richard Neblett	Gasoline Composition	10/11/1960
	Non-Capsizable Container	02/12/1968	-	Motor Fuel Composition	09/18/1962
	<del></del>		-	Oil-Soluble Ashless Disersant-Detergent-Inhibitor	05/12/1970
	Sweepstake Programmer	07/20/1971	James A. Parsons	New Iron Alloy	09/17/1929
			James A. Parsons	Method of Making Silicon Iron Compounds	08/13/1931
Meredith C. Gourdine	Electrogasdynamic Coating System	06/10/1969	1	Process for Treating Silicon Alloy Casting	09/04/1934
			1	Corrosive-Resisting Ferrous Alloy	05/07/1970
	Improved Acoustical Reproduction System	04/07/ 1971	-		
	Electrogasdynamic Convertor Resisters	07/13/1971	Thomas Steward	Мор	07/14/1883
	Electrostatic Precipitator System	12/05/1972		Oscillating Metal Bending Machine	03/19/1887
	Airborne Particle Suppressing Apparatus	09/11/1973	1	Railroad Crossing Signals	02/25/1883
	Fluid Control Fog Protection Device	06/06/1987	James West	Foil Electret Microphone	09/20/1962
	Method for Producing Multi-vortex Flow	04/10/1990		250 Other Patents	1962-1974
	Method of Converting Thermal Energy into	01/30/ 1989	Madi Dana	Color D.C. Manitan	04/00/1071
	- 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (	01/30/1303	Mark Dean	Color P.C. Monitor  1st. Gigabit Computer Chip	04/09/1971 01/18/1977
	Electricity			1 . Gigabit Computer Chip	01/10/19//
	Apparatus for transferring heat and mass	08/27/ 1996	Fredrick McKinley Jones	Refrigeration Units for Trucks	03/24/1922
	momentum		12	60 Other Patents	Numerous Dates
	between a fluid and a surface				
			David Crosthwait	119 Patents for Multiple Inventions	Numerous Dates